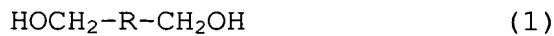


ABSTRACT

A novel perfluoropolyether derivative, which has at least one ester bond and is useful as a lubricant with a decomposition temperature of 300°C or more, is obtained by an esterification reaction between a perfluoropolyether diol having hydroxyl groups at both ends thereof and represented by the formula (1) and a perfluoropolyether dicarboxylic acid having carboxyl groups at both ends thereof and represented by the formula (2):

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wherein each of R and R' is a perfluoroether group.